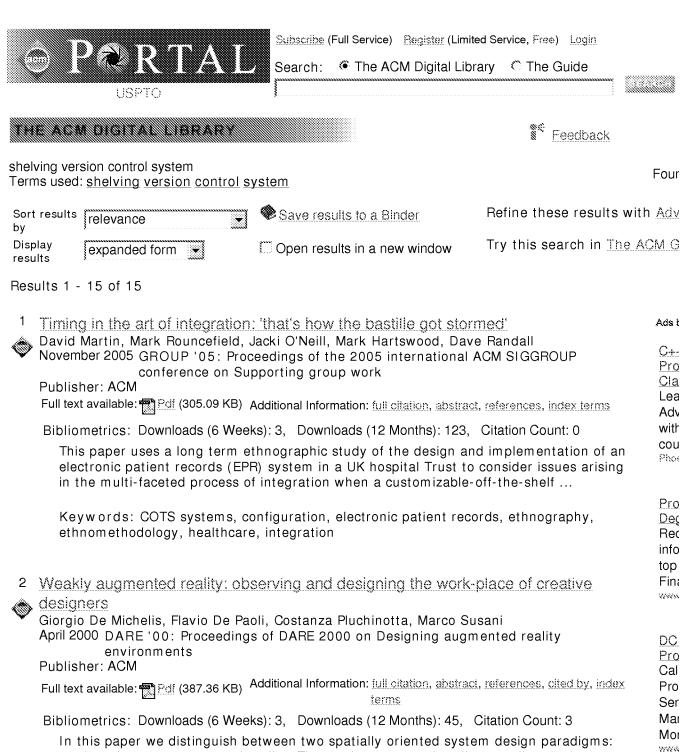
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In this paper we distinguish between two spatially oriented system design paradigms weak and strong augmented reality. The weak augmented reality paradigm is then applied in the design of a system supporting co-operation and knowledge creation

within ...

Keywords: augmented reality, creative design, knowledge management systems, spatial arrangements

3 Outdoor experimental comparison of four ad hoc routing algorithms

Robert S. Gray, David Kotz, Calvin Newport, Nikita Dubrovsky, Aaron Fiske, Jason Liu, Christopher Masone, Susan McGrath, Yougu Yuan

October 2004 MSWiM '04: Proceedings of the 7th ACM international symposium on Modeling, analysis and simulation of wireless and mobile systems

Publisher: ACM

Full text available: Pdf (148.16 KB) Additional Information: full citation, abstract, references, cited by, index terms

Bibliometrics: Downloads (6 Weeks): 5, Downloads (12 Months): 105, Citation Count: 11

Most comparisons of wireless ad hoc routing algorithms involve simulated or *indoor* trial runs, or outdoor runs with only a small number of nodes, potentially leading to an

incorrect picture of algorithm performance. In this paper, we report on ...

Keywords: 802.11, MANET, mobile computing, wireless ad hoc routing

The Space Simulator: Modeling the Universe from Supernovae to Cosmology Michael S. Warren, Chris L. Fryer, M. Patrick Goda

November 2003 SC '03: Proceedings of the 2003 ACM/IEEE conference on Supercomputing

Publisher: IEEE Computer Society

Full text available: Pdf (2.91 MB) Additional Information: full citation, abstract, references

Bibliometrics: Downloads (6 Weeks): 2, Downloads (12 Months): 23, Citation Count: 0

The Space Simulator is a 294-processor Beowulf cluster with theoretical peak performance just below 1.5 Teraflop/s. It is based on the Shuttle XPC SS51G mini chassis. Each node consists of a 2.53 GHz Pentium 4 processor, 1 Gb of 333 MHz DDR SDRAM, an ...

Keywords: Beowulf, cluster, price/performance, astrophysics, N-body

#### 5 Introducing ardour

Dave Phillips

March 2005 Linux Journal, Volume 2005 Issue 131 Publisher: Specialized Systems Consultants, Inc.

Full text available: Additional Information: full citation, abstract, index terms

Bibliometrics: Downloads (6 Weeks): 0, Downloads (12 Months): 12, Citation Count: 0

A Linux Journal first, this article features a new song recorded just for this issue. Get

started with hard-disk recording and have a listen.

### 6 Notes on constructing a parallel computing platform

Jodie Kok, Elizabeth Elzinga, Greg Wolffe

October 2001 Journal of Computing Sciences in Colleges, Volume 17 Issue 1

Publisher: Consortium for Computing Sciences in Colleges

Full text available: Pdf (42.72 KB)

Additional Information: full citation, abstract, references, cited by, index terms

Bibliometrics: Downloads (6 Weeks): 1, Downloads (12 Months): 35, Citation Count: 2

Parallel computing is an interesting and important topic that spans several different areas of the computer science curriculum, such as networking, architecture and programming. With the proliferation of open-source software and the availability of inexpensive ...

## 7 Capturing, sharing, and using local place information

Pamela J. Ludford, Reid Priedhorsky, Ken Reily, Loren Terveen

April 2007 CHI '07: Proceedings of the SIGCHI conference on Human factors in computing systems

Publisher: ACM

Full text available: Pdf (452.71 KB) Additional Information: full citation, abstract, references, index terms

Bibliometrics: Downloads (6 Weeks): 33, Downloads (12 Months): 448, Citation Count: 1

With new technology, people can share information about everyday places they go; the resulting data helps others find and evaluate places. Recent applications like Dodgeball and Sharescape repurpose everyday place information: users create local place ...

Keywords: disclosure interface, local knowledge, local search, location privacy, location-based reminder, map-based interface

### 8 Comprehensive access to printed materials (CAPM)

G. Sayeed Choudhury, Mark Lorie, Erin Fitzpatrick, Ben Hobbs, Greg Chirikjian, Allison Okamura, Nicholas E. Flores

January 2001 JCDL '01: Proceedings of the 1st ACM/IEEE-CS joint conference on Digital libraries

Publisher: ACM

Full text available: 📆 Pdf (105.75 KB) Additional Information: full citation, abstract, references, index terms

Bibliometrics: Downloads (6 Weeks): 3, Downloads (12 Months): 30, Citation Count: 0

The CAPM Project features the development and evaluation of an automat ed, robotic on-demand scanning system for materials at remote locations. To date, we have developed a book retrieval robot and a valuation analysis framework for evaluating CAPM. ...

Keywords: browsing, digital conversion, digital preservation, evaluation methods, information economics, paper manipulation, robotics

#### 9 Linux in education

Dimitri Komatitsch, Jeroen Tromp

October 2001 Linux Journal, Volume 2001 Issue 90 Publisher: Specialized Systems Consultants, Inc.

Full text available: [3] Html (20.05 KB) Additional Information: full citation, abstract, cited by, index terms

Bibliometrics: Downloads (6 Weeks): 0, Downloads (12 Months): 14, Citation Count: 1

Modeling Seismic Wave Propogation on a 156GB PC Cluster

# 10 Child-personas: fact or fiction?

Alissa Nicole Antle

June 2006 DIS '06: Proceedings of the 6th conference on Designing Interactive systems

Publisher: ACM

Full text available: Pdf (602.34 KB) Additional Information: full citation, abstract, references, cited by, index terms

Bibliometrics: Downloads (6 Weeks): 10, Downloads (12 Months): 176, Citation Count: 1

This paper introduces a practice-based, child-centric method of creating child-user archetypes which extends adult-based persona theory to interaction design with

children. Persona construction can help interaction designers better understand real child-users ...

Keywords: children, interaction design, personas, user abstraction, user-centred design

11 Efficient channel-aware rate adaptation in dynamic environments

Glenn Judd, Xiaohui Wang, Peter Steenkiste

June 2008 MobiSys '08: Proceeding of the 6th international conference on Mobile systems, applications, and services

Publisher: ACM

Full text available: Pdf (1.01 MB) Additional Information: full citation, abstract, references, index terms

Bibliometrics: Downloads (6 Weeks): 14, Downloads (12 Months): 40, Citation Count: 0 Increasingly, 802.11 devices are being used by mobile users. This results in very dynamic wireless channels that are difficult to use efficiently. Current rate selection algorithms are dominated by probe-based approaches that search for the best transmission ...

Keywords: rate selection

12 Visual simulator for ILP dynamic OOO processor

Anastas Misev, Marjan Gusev

June 2004 WCAE '04: Proceedings of the 2004 workshop on Computer architecture

education: held in conjunction with the 31st International Symposium on

Computer Architecture

Publisher: ACM

Full text available: Pdf (665.66 KB) Additional Information: full citation, abstract, references

Bibliometrics: Downloads (6 Weeks): 0, Downloads (12 Months): 17, Citation Count: 0

The purpose of this article is to provide an introduction to the SuperSim simulator for ILP processors as a teaching tool for computer architecture related courses. It presents the various aspects of the simulator, including the user interface, the instruction ...

13 Improving single-thread performance with fine-grain state maintenance

Peng Zhou, Soner Õnder

May 2008 CF '08: Proceedings of the 2008 conference on Computing frontiers

Publisher: ACM

Full text available: Pdf (309.41 KB) Additional Information: full citation, abstract, references, index terms

Bibliometrics: Downloads (6 Weeks): 1, Downloads (12 Months): 31, Citation Count: 0

We show that a multi-threaded processor that is aware of the processor state in a fine-grain manner can improve single-thread performance significantly by assigning the task of maintaining the correct processor state to an independent thread. We develop ...

Keywords: checkpoint, processor state, recovery, runahead, simultaneous multi-threading

Addressing student cheating: definitions and solutions Martin Dick, Judy Sheard, Cathy Bareiss, Janet Carter, Donald Joyce, Trevor Harding, Cary



June 2002 | TiCSE-WGR '02: Working group reports from ITiCSE on Innovation and

technology in computer science education

Publisher: ACM

Full text available: Pdf (323.88 KB) Additional Information: full citation, references, cited by

Bibliometrics: Downloads (6 Weeks): 41, Downloads (12 Months): 302, Citation Count: 2

15 Addressing student cheating: definitions and solutions

Martin Dick, Judy Sheard, Cathy Bareiss, Janet Carter, Donald Joyce, Trevor Harding, Cary Laxer

June 2003 ACM SIGCSE Bulletin, Volume 35 Issue 2

Publisher: ACM

Full text available: Pdf (323.88 KB) Additional Information: full citation, references, cited by

Bibliometrics: Downloads (6 Weeks): 41, Downloads (12 Months): 302, Citation Count: 2

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